

FIG. 1

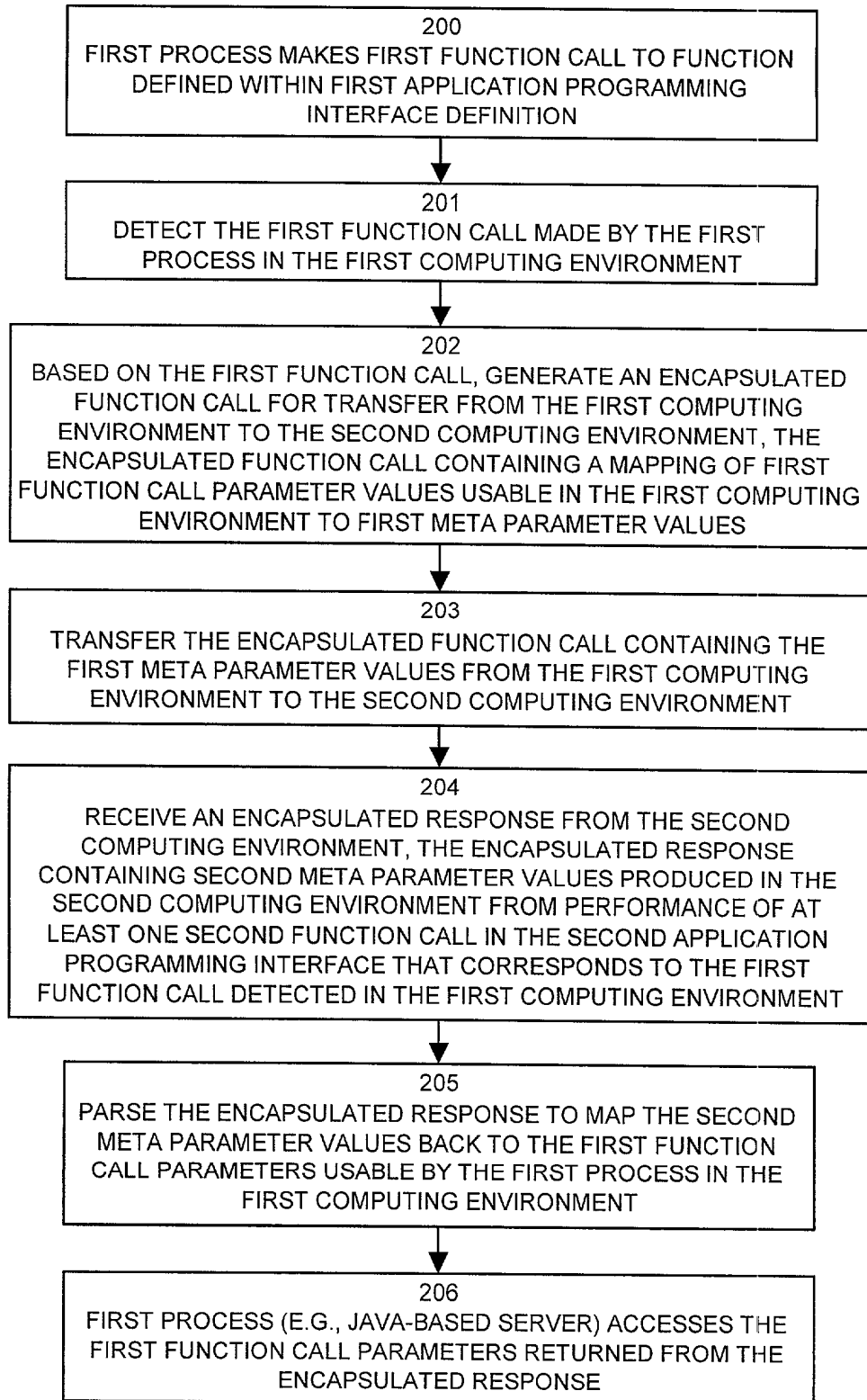


FIG. 2

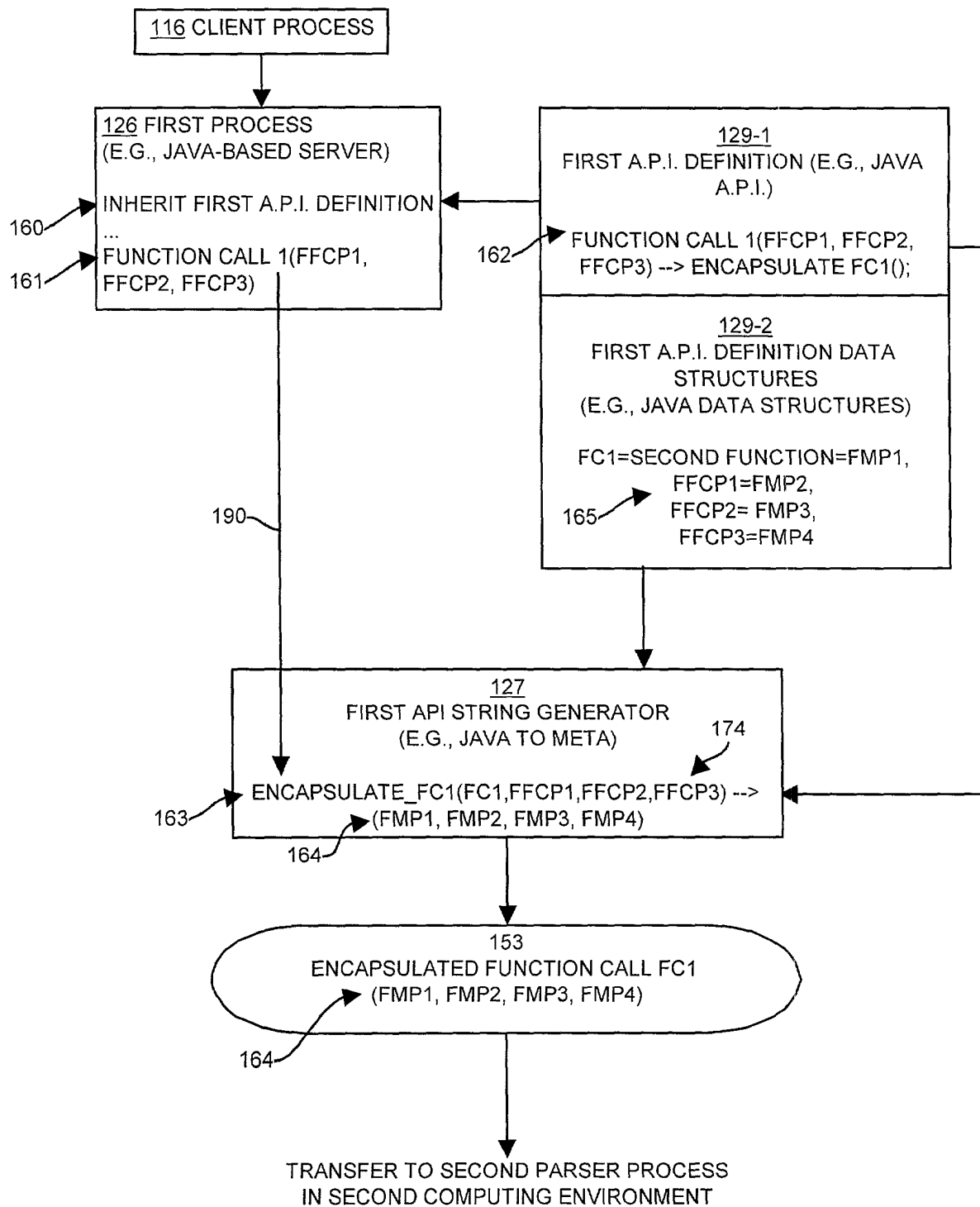


FIG. 3

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graph TD
    116[116 CLIENT PROCESS] --> 126[126 FIRST PROCESS  
(E.G., JAVA-BASED SERVER)]
    129_1[129-1 FIRST A.P.I. DEFINITION (E.G., JAVA A.P.I.)] --> 126
    129_2[129-2 FIRST A.P.I. DEFINITION DATA STRUCTURES (E.G., JAVA DATA STRUCTURES)] --> 126
    129_2 --> 127[127 FIRST PARSER PROCESS (E.G., META TO JAVA)]
    126 --> 127
    127 --> 154([154 ENCAPSULATED RESPONSE FC1 (SMP1, SMP2, SMP3, SMP4)])
    154 --> 127
    127 --> 126
    127 --> 129_2
    127 --> 129_1
    127 --> 116
    
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The flowchart illustrates the first parser process (127) and its interactions. At the top, the 116 CLIENT PROCESS sends data to the 126 FIRST PROCESS (E.G., JAVA-BASED SERVER). The 126 FIRST PROCESS contains two main components: INHERIT FIRST A.P.I. DEFINITION (160) and FUNCTION CALL 1(FFCP1, FFCP2, FFCP3) (161). The 129-1 FIRST A.P.I. DEFINITION (E.G., JAVA A.P.I.) and the 129-2 FIRST A.P.I. DEFINITION DATA STRUCTURES (E.G., JAVA DATA STRUCTURES) both provide input to the 126 FIRST PROCESS. The 129-2 FIRST A.P.I. DEFINITION DATA STRUCTURES also provide input to the 127 FIRST PARSER PROCESS (E.G., META TO JAVA). The 126 FIRST PROCESS sends data to the 127 FIRST PARSER PROCESS. The 127 FIRST PARSER PROCESS contains a component PARSE\_FC1(SMP1, SMP2, SMP3, SMP4) --> (FC1,FFCP1,FFCP2,FFCP3) (173). The 127 FIRST PARSER PROCESS sends data to the 154 ENCAPSULATED RESPONSE FC1 (SMP1, SMP2, SMP3, SMP4). The 154 ENCAPSULATED RESPONSE FC1 (SMP1, SMP2, SMP3, SMP4) sends data back to the 127 FIRST PARSER PROCESS. The 127 FIRST PARSER PROCESS also sends data to the 129-1 FIRST A.P.I. DEFINITION (E.G., JAVA A.P.I.) and the 129-2 FIRST A.P.I. DEFINITION DATA STRUCTURES (E.G., JAVA DATA STRUCTURES). The 127 FIRST PARSER PROCESS also sends data to the 116 CLIENT PROCESS.

FIG. 4

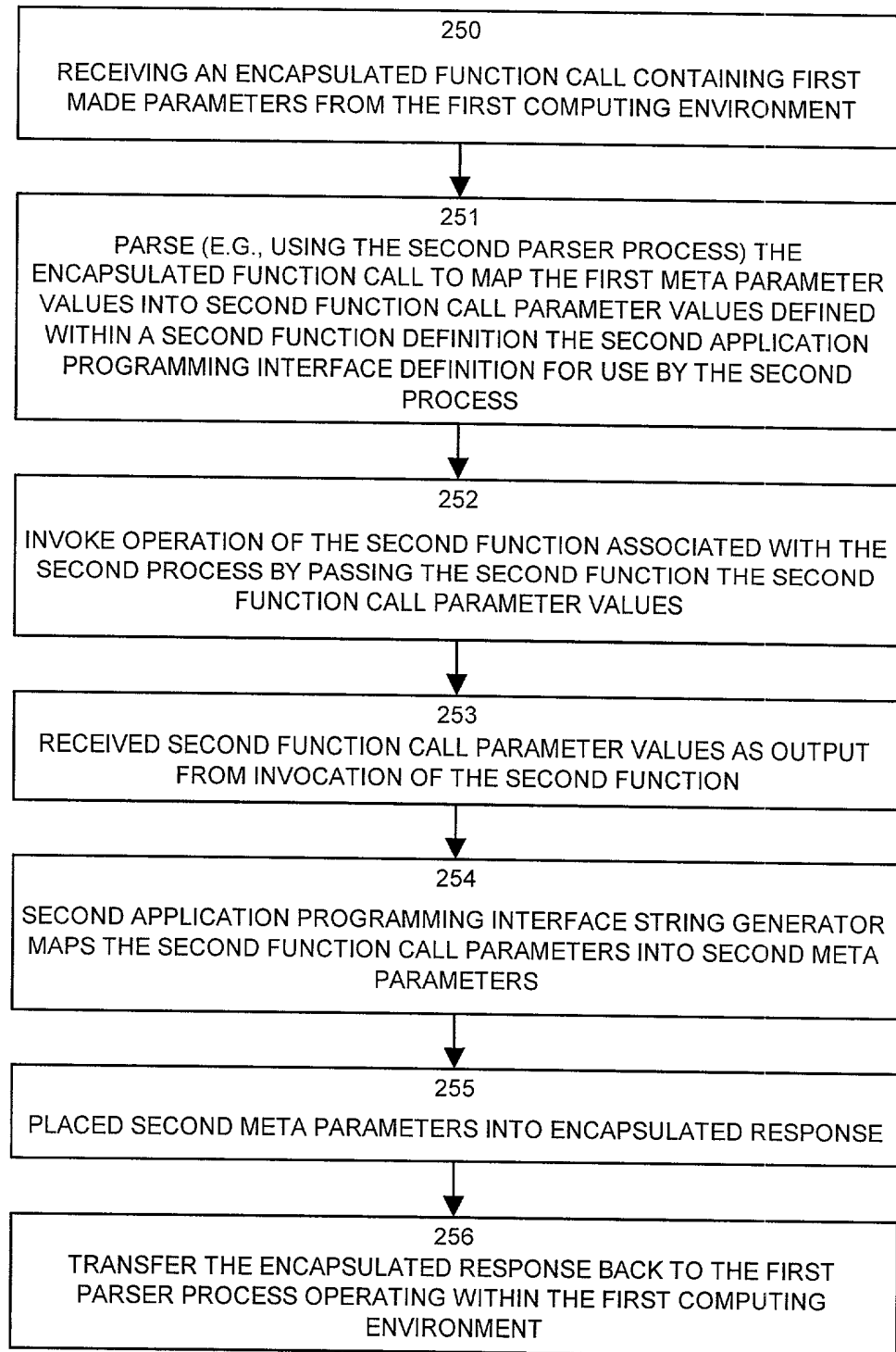


FIG. 5

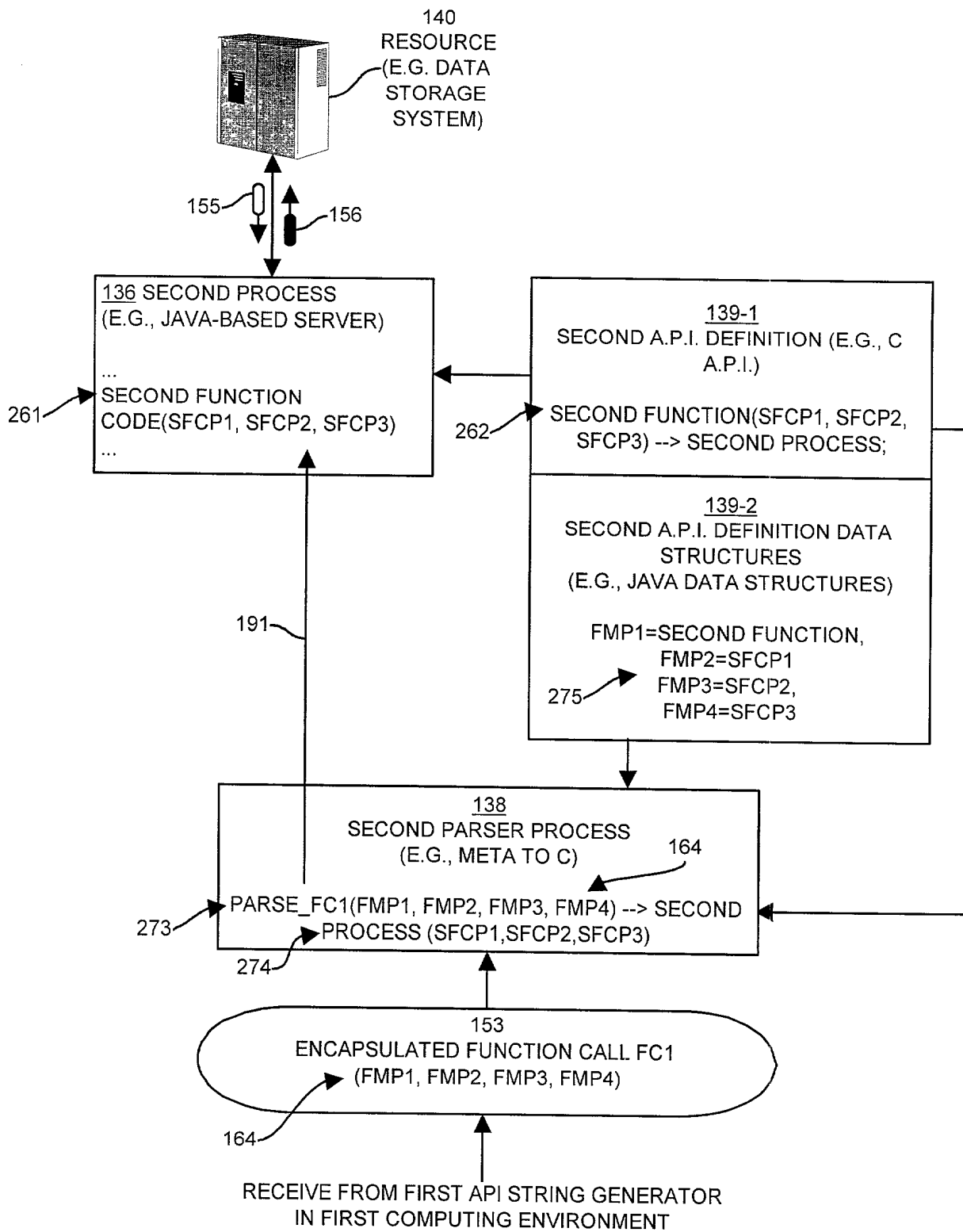


FIG. 6

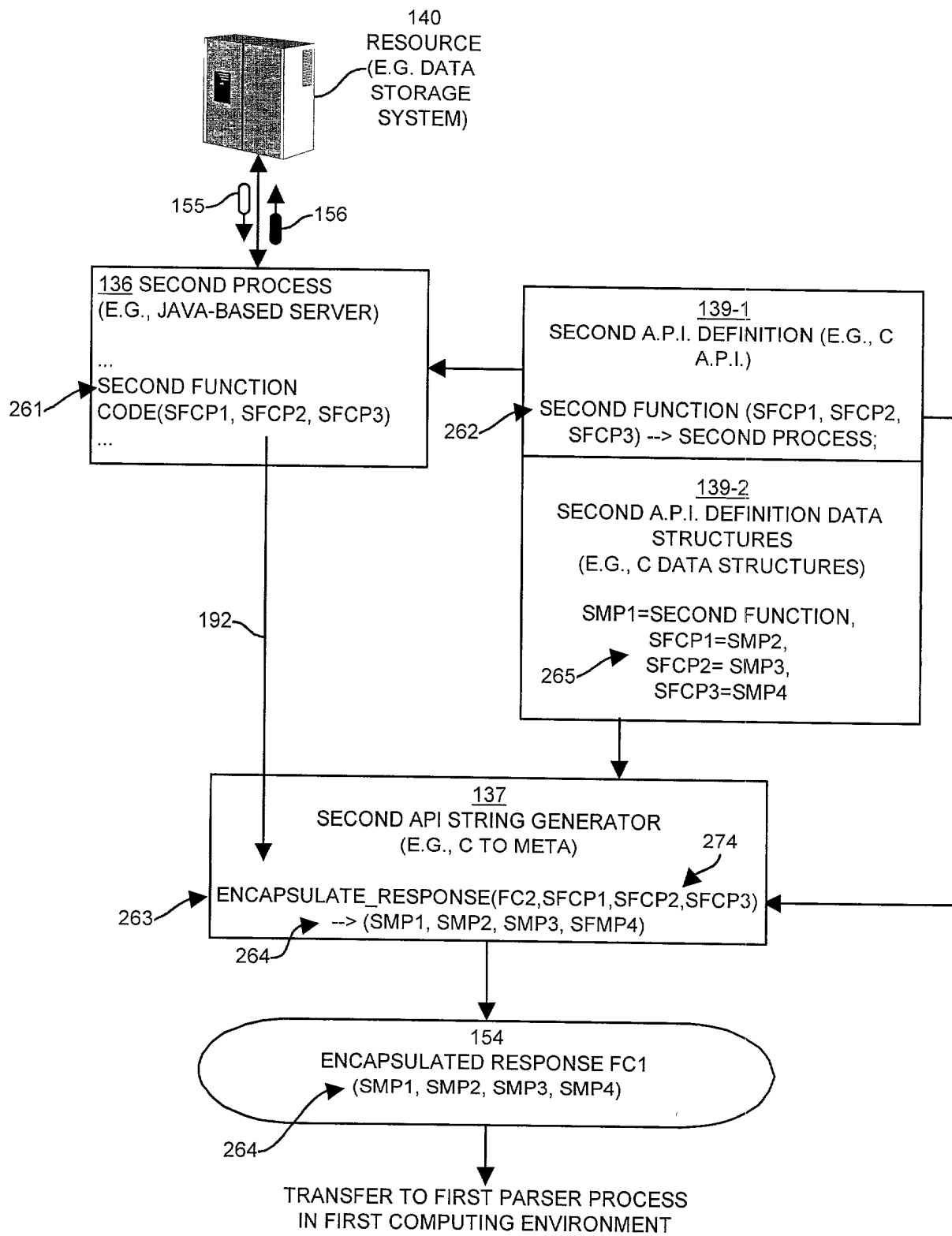


FIG. 7

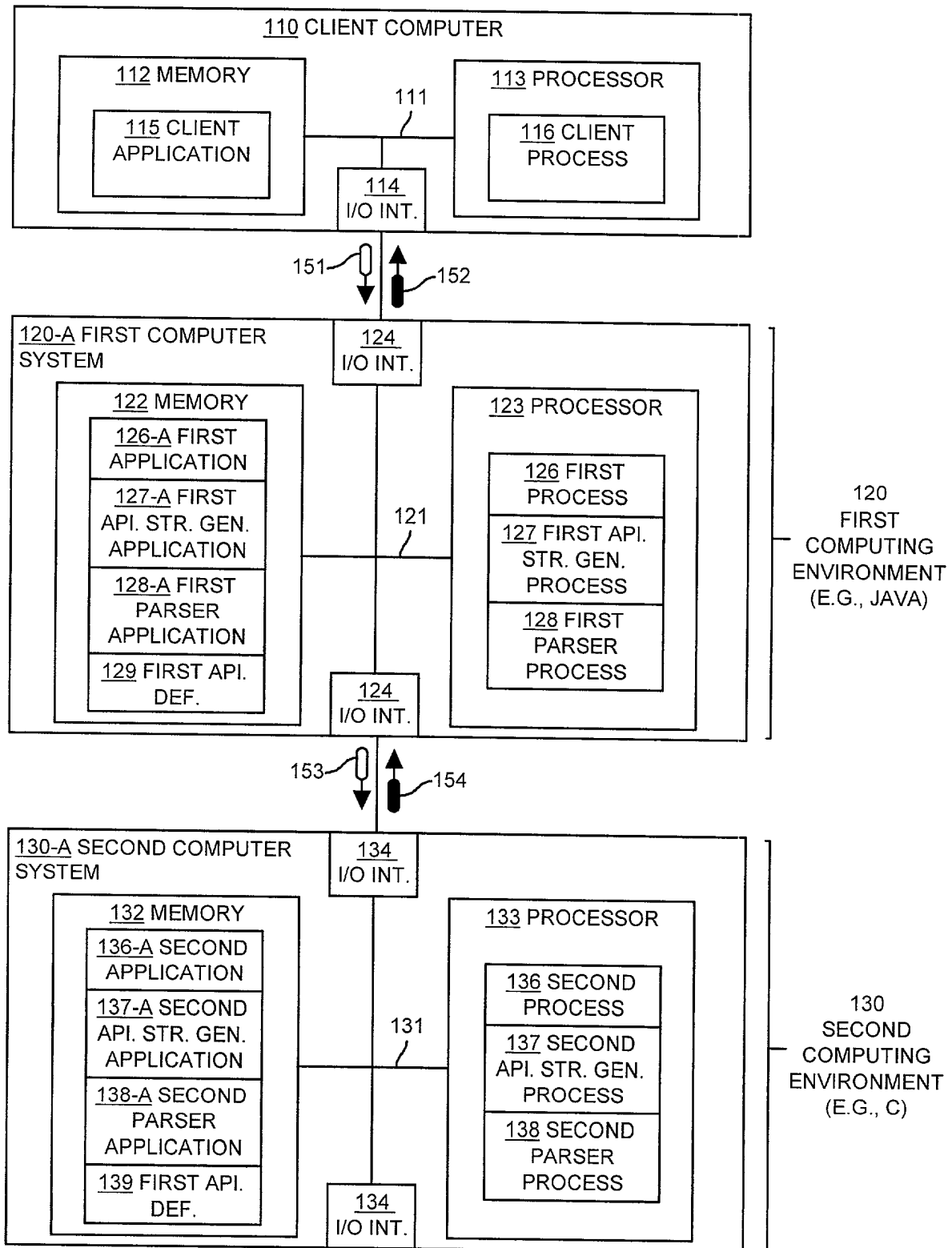


FIG. 8



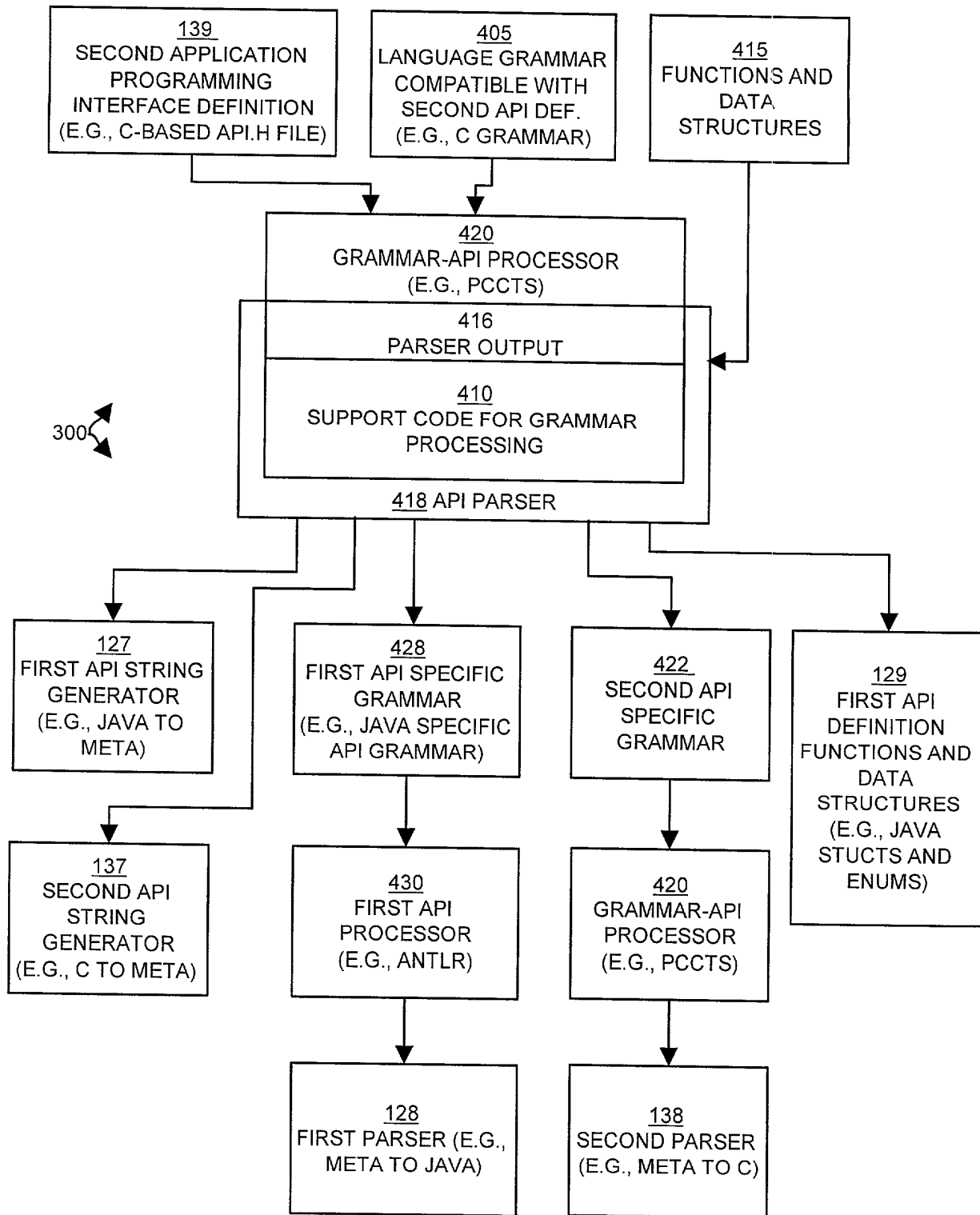


FIG. 9

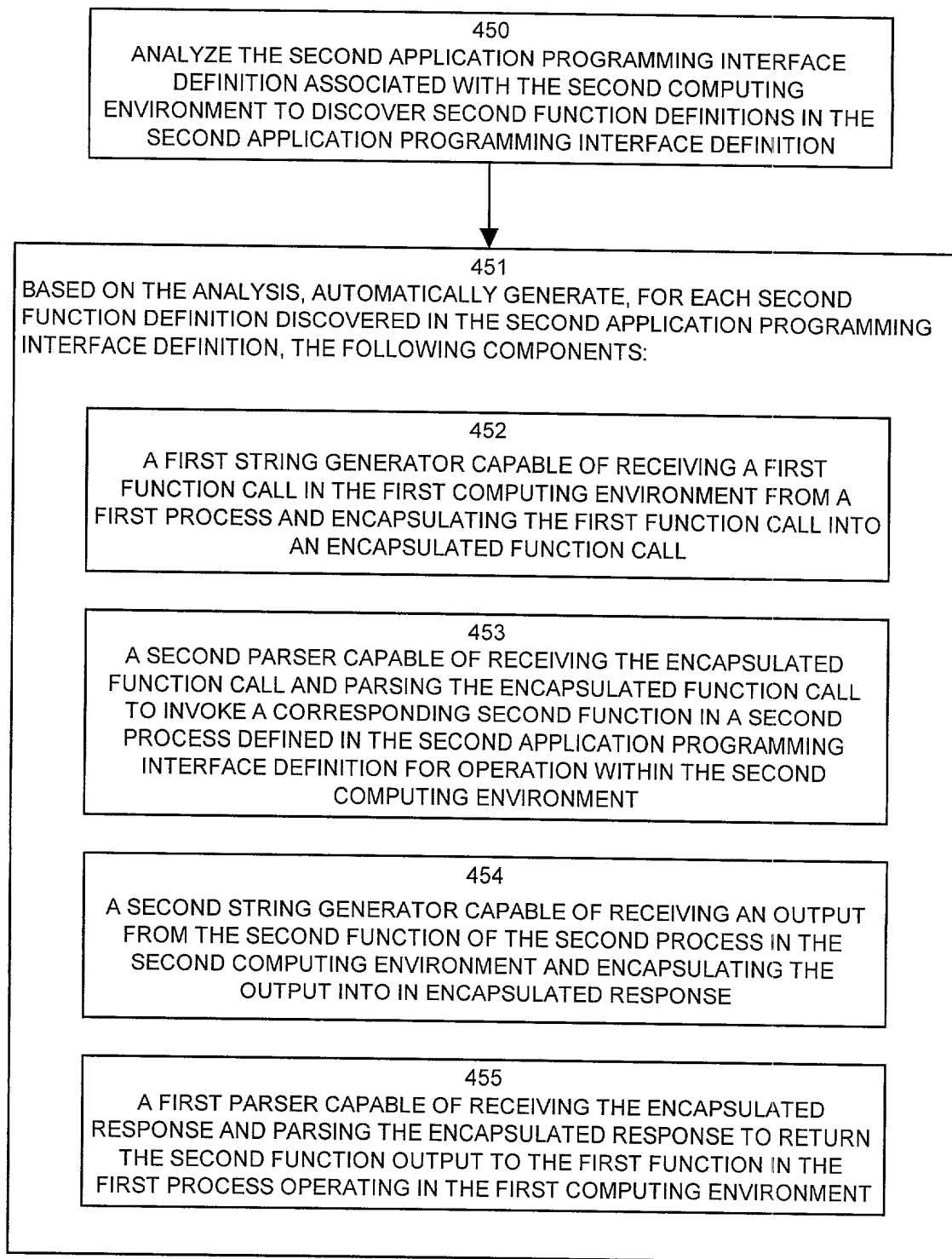


FIG. 10

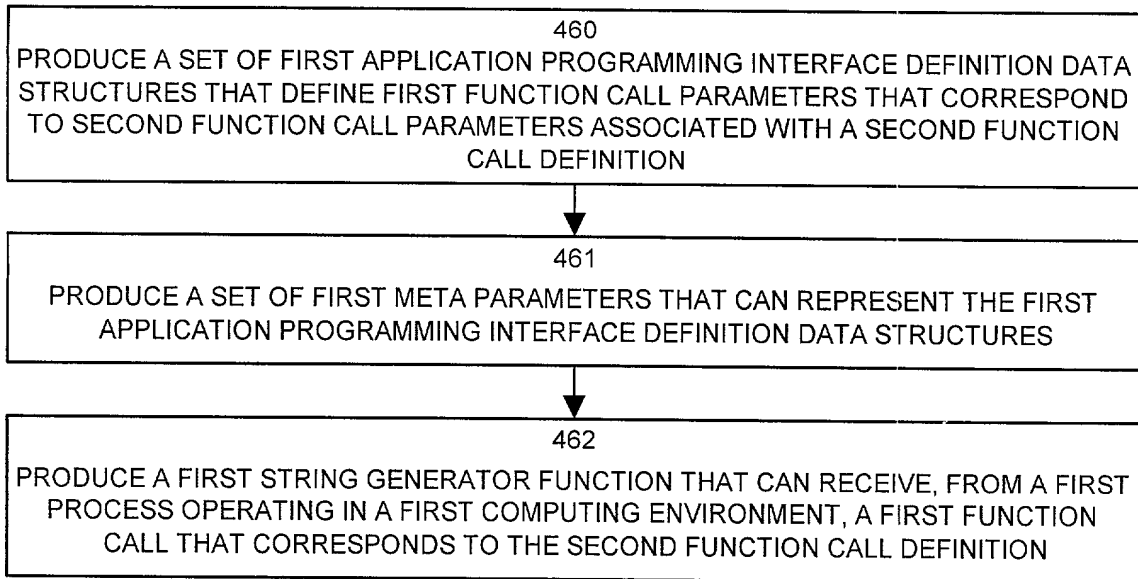


FIG. 11

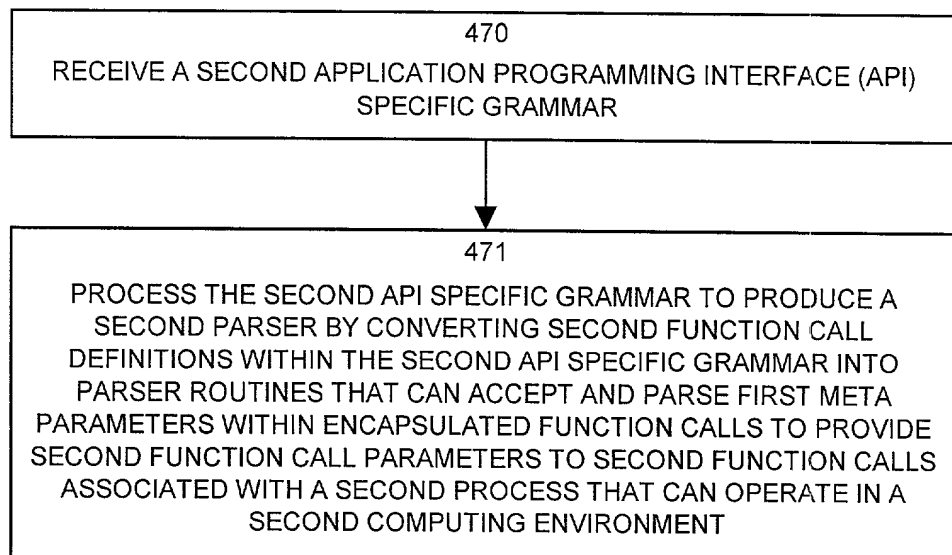


FIG. 12

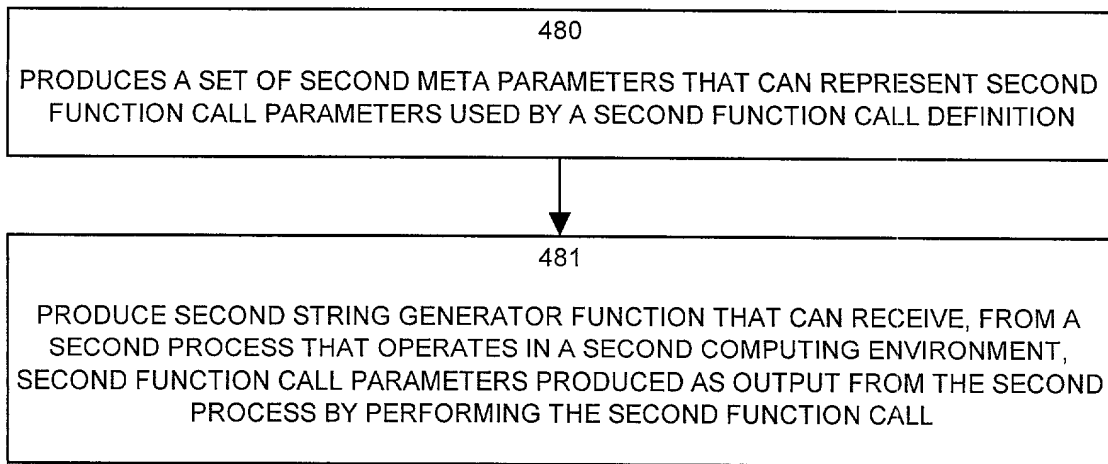


FIG. 13

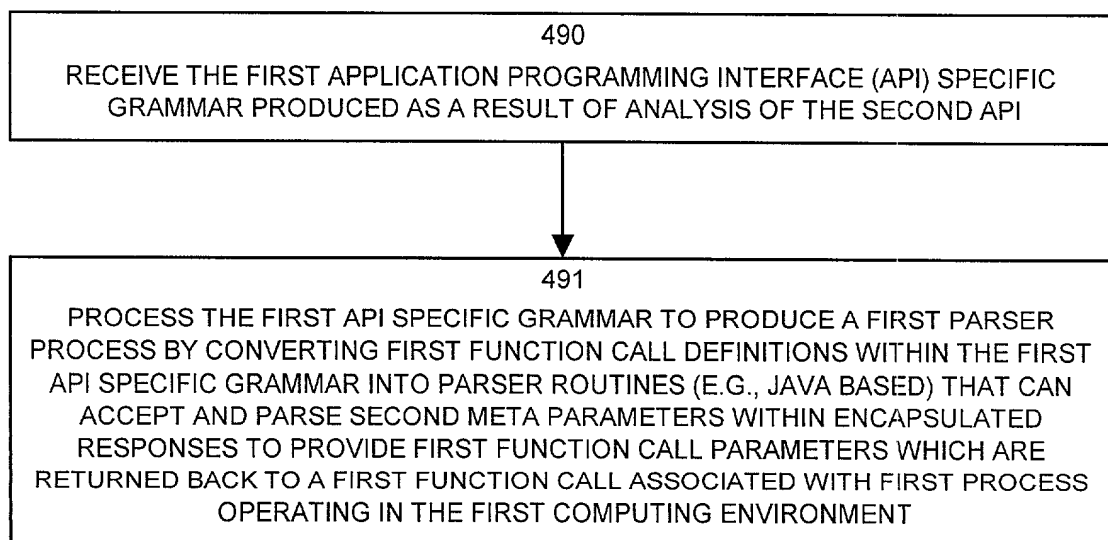


FIG. 14